

Supported catalyst comprising delta- or theta-modified aluminium oxide supports

Abstract

- 5 Process for producing a supported catalyst which comprises at least 75% by weight of Al_2O_3 , whose proportion of Al_2O_3 in the delta or theta modification is, based on the proportion of Al_2O_3 , at least 1% and which comprises a rhenium compound and, if appropriate, a promoter as active component (A), which comprises
- 10 a) converting a customary support (S) which comprises at least 75% by weight of Al_2O_3 and to which a promoter may, if appropriate, have been applied is converted into a modified support (S) whose proportion of Al_2O_3 in the delta or theta modification is, based on the proportion of Al_2O_3 , at least 1% by calcining the customary support (S) at a temperature of from 750 to 1100°C,
- 15 b) producing a supported catalyst precursor from the modified support (S) by applying the active component (A) comprising the rhenium compound to the modified support (S) and
- 20 c) calcining the supported catalyst precursor at a temperature of from 500 to 750°C.